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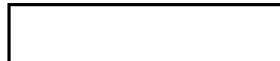
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MONTHLY REPORT

1 January through 31 January 1967

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31 January 1967

Declass Review by NGA.

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## Monthly Report

PAR 243A

31 Jan 67

SUBJECT: Briefing Print Enlarger (Prototype)

## TASK/PROBLEM

1. Design, fabricate, and test a prototype briefing print enlarger (BPE) based upon tests and observations of the breadboard equipment developed on the combined PAR 202/224.

## DISCUSSION

2. Manufacturing activity consisted of assembly work and a minor amount of parts fabrication based on drawings released up to 8 January 1967.

3. Engineering activity consisted of follow-up of fabrication, making corrections in drawings, and completing four subassembly drawings. The final assembly drawing is being prepared.

4. Copies of the revised tentative specification (Specification 469-333A, 30 November 1966) and preliminary spare parts lists were transmitted to the customer early in the month.

5. It now appears that the prototype enlarger will be delivered to the customer around 1 July rather than 24 April as scheduled. The April delivery was based on expected completion of all parts drawings by mid-October 1966, which was not achieved. The new expected delivery date is based on a review of the fabrication schedule which was made after the last part drawing was released on 8 January 1967.

## PLANNED ACTIVITY

6. In the next month, it is expected that:
- a. The final assembly drawing and mechanical assembly effort will be completed.
  - b. Electrical assembly will be initiated.

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Monthly Report

PAR 244

31 Jan 67

SUBJECT: Spare Parts for RT Processors

TASK/PROBLEM

1. Provide recommended spare parts for the RT-12 and RT-24.

DISCUSSION

2. Due to the limited number of parts received in January, no partial shipment was made. However, about 25 percent of the parts were shipped in December 1966.

3. The fabrication of parts is proceeding on schedule.

PLANNED ACTIVITY

4. Continue inspection of parts as they become available, and make partial shipments when it is practicable.

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## Monthly Report

PAR 245

31 Jan 67

SUBJECT: BPE High-Magnification Lens Sets

## TASK/PROBLEM

1. Design, fabricate, and test prototype optical systems to extend the Briefing Print Enlarger (prototype) PAR 243A upper limit magnification range from 60X to 140X - 160X.

## DISCUSSION

2. The fabrication of objective lens assemblies and condenser lens elements was started.

3. Orders were given to fabricate the interchangeable mount and the focus assemblies for the objective lenses.

4. The design of the interchangeable condenser assemblies was completed, and detail drawings of parts are nearly complete.

## PLANNED ACTIVITY

5. Complete the design of the condenser assemblies, and begin fabrication.

6. Continue fabrication of the other assemblies.

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